Today's Date: 8/22/2001

L12 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER: 1982:614551 CAPLUS

DOCUMENT NUMBER: 97:214551

TITLE: Lipids of tea leaves. II.

Changes in **lipid** content during the manufacturing process of green **tea**

AUTHOR(S): Anan, Toyomasa; Takayanagi, Hirotsugu; Ikegaya,

Kenjiro; Nakagawa, Muneyuki

CORPORATE SOURCE: Natl. Res. Inst. Rea, Kanaya, 428, Japan

SOURCE: Nippon Shokuhin Kogyo Gakkaishi (1982), 29(9), 513-17

CODEN: NSKGAX; ISSN: 0369-5727

DOCUMENT TYPE: Journal LANGUAGE: Japanese

AB Fresh tea leaves were processed into crude green tea,

green **tea** (crude green **tea** reheated at 130.degree. for 30 min), and roasted green **tea** (crude green **tea** reheated at 170.degree. for 30 min). **Lipids** of fresh and

processed tea leaves were detd. Total lipid contents of crude green tea, green tea, and roasted green tea were 85, 70, and 60% of that of fresh tea leaves

(4.5%). The contents of **glycolipids** and phospholipids decreased during processing; monogalactosyl-diglyceride, digalactosyldiglyceride, sulfoquinovosyldiglyceride, and phosphatidylcholine decreased markedly.

L12 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2000 ACS 1986:205814 CAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER: 104:205814

Lipids of "Tencha" TITLE:

Kawamura, Shinya; Nagao, Akihiko; Yamazaki, Megumi AUTHOR(S): CORPORATE SOURCE:

Kyoto Prefect. Tea Res. Inst., Uji, 611, Japan Nippon Shokuhin Kogyo Gakkaishi (1985), 32(12), 870-5 SOURCE:

CODEN: NSKGAX; ISSN: 0369-5727

Journal DOCUMENT TYPE: Japanese LANGUAGE:

Total lipid content of tencha which was produced from sun-shaded

tea leaves, ranged from 3.3 to 4.8%. The lipids consisted of neutral lipids (14-20%), glycolipids

(64-69%) and phospholipids (14-17%). Main component in polar lipids was monogalactosyldiglycide. Major fatty acids in the

total lipids were linolenic, linoleic and palmitic acids. Tocopherol content ranged from 11 to 14 mg/100 g of sample and L12 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2000 ACS ACCESSION NUMBER: 1988:149132 CAPLUS

DOCUMENT NUMBER: 108:149132

TITLE: The lipid composition of fresh Origanum

dictamnus leaves

AUTHOR(S): Komaitis, M. E.; Revinthi-Moraiti, K.; Evangelatos,

G.

CORPORATE SOURCE: Dep. Food Chem., Univ. Athens, Athens, Greece

SOURCE: Food Chem. (1988), 27(1), 25-32 CODEN: FOCHDJ; ISSN: 0308-8146

DOCUMENT TYPE: Journal LANGUAGE: English

AB The components of the lipid fraction of fresh leaves of O. dictamnus were identified by chromatog. The nonpolar lipids identified were: sterols, steryl esters, free fatty acids, fatty alcs., triglycerides, waxes, hydrocarbons, carvacrol, esters, and triterpenic acids. The following polar lipids also were identified: mono-, di-, and polygalactosyl diglycerides, sulfolipids, cerebrosides, phosphatidylethanolamine, phosphatidylserine, phosphatidylglycerol, phosphatidylinositol, and phosphatidylcholine. No phosphatidic acid was